



A MEMO TO THE SORA COMMUNITY

APRIL 2023

This document accompanies the invoice sent to SORA for the services provided by SORAMITSU.

April 2023 was an incredible month of accomplishments, the SORA Integrated Plan continues to be the roadmap for the SORA Network development pipeline, and the progress rate has steadily advanced.

This memo will provide a perspective on the activities for each track, a description of the development activities specific to this month, and the total amount of hours presented in invoice number 205034 served by SORAMITSU Helvetia to the SORA Community.

1 SORA (Substrate) – 3,394 hrs

Work in April focused on the development and testing of the [SORA Substrate](#) backend v1.10.0, this release included updates to the Substrate version, making the network more robust and adding the foundations for other developments worked on this month, including the Substrate bridge and the Multi-EVM Trustless Bridge, Buyback fixes for XST, and other improvements available in the release logs.

A lot of work was dedicated to preparing the backend for the implementation of the XST platform, including improvements to the OracleProxy and adding specific creation/removal and swap routes for synthetic assets.

The implementation and testing of the Substrate and EVM bridges were also carried out this month, the transport layer of the Substrate bridge was reworked into a federated architecture that is trustless, and the team also provided documentation to implement the frontend UI. With the pre-production work completed, the actual implementation of the Order book feature development is going full steam ahead, the skeleton has been implemented, bid/ask LimitOrder features have been developed and the Orderbook has been implemented to the LiquidityProxy.

On the mobile side, the wallet redesign and support for SORA Card integration are complete. Work has begun to implement features for future releases that support Phase II of the SORA card and improve overall user experience. Extensive testing was undertaken to ensure that the card implementation follows the highest security standards and all bugs encountered were addressed and resolved. Finally, the team is also contributing to the improved SORA Wiki, providing trustworthy documentation for developers seeking to build on SORA.

1.1 SORA Backend

- Work on release 1.10.0 - Substrate version upgrade
- Work on Orderbook
 - Skeleton
 - Create bid/ask LimitOrder
 - Integrate Orderbook to LiquidityProxy
- Work on the XST Platform
 - Fixing OracleProxy
 - Fixing Create/Remove synthetic asset
 - Fixing bugs and adjustments
 - Implement swaps involving synthetic assets only go through the XST liquidity source
 - Testing the platform
- Working on Substrate bridge
 - Reworked the transport layer to a federated architecture
 - Work on documentation for the implementation of the UI for frontend apps
 - Testing the bridge
- Working on the new wiki with technical information for the community and builders (SORAMITSU dev contributions)

1.2 Mobile App

- Fine-tuning the 3.0.0 release - Wallet Redesign & SORA Card
- Design and system analysis and implementation for further releases of:
 - SORA Card: Phase 2
 - UX Improvements

2 Substrate (PSWAP) - 692 hrs

Polkaswap has received a substantial amount of ongoing improvements, including:

- Support for the new crowdloan rewards structure
- Pagination improvements on the Explore page
- Demeter Farming pages performance improvements
- An improved calculation of the Token Velocity coefficient
- Implementation of Google login (as an alternative way to sign transactions, allowing the use of any browser on Desktop/iOS/Android)
- Notifications improvements: Price alerts
- Address book & identities
- Subsquid service implementation
- Multi-bridge support (HASHI Bridge & EVM Bridge & Substrate Bridge simultaneously)

3 DevOps and Security - 316 hrs

The work done this month by DevOps covers the SORA network as well as its underlying infrastructure, here are more details:

3.1 SORA Blockchain

- Refactored Subquery CD pipeline
- Implemented monitoring for new features
- Improved CI/CD pipeline
- Enhanced E2E tests
- Moved the Testnet bridge to a new provider
- Improved Telegram bots
- Updated bridge alerts
- Work in progress:
 - Internal audit of substrate bridge
 - Automated benchmarking
 - Rust CI library development

3.2 Parachain

- Improved CI pipeline
- Added tests stage
- Enabled artifacts and test reports collection
- Work in progress:
 - Rust CI library development

3.3 Polkaswap

- Implemented IPFS changes check
- Improved CI/CD pipeline
- Automated new acceptance tests
- Enhanced E2E tests
- Work in progress:
 - CDN monitoring
 - JS CI library improvements for acceptance tests

3.4 Mobile Clients

- Added new autotests for mobile clients
- Updated CI/CD pipeline

3.5 SORA Card

- Improved monitoring
- Added alerting rules
- Work in progress:
 - Rust CI library development

4 Education – 569 hr

Educational operations this month included:

4.1 SORA

- Compilation and publishing of Ecosystem Updates, as well as sharing major community milestones.
- More educational content was created for social platforms to raise network awareness, answering the pressing questions received on a daily basis within the chats ("What is SORA?", "What is VAL?", "How to create a SORA account?" etc.)
- Promotion for SORA Card including improvements to listings on app stores and user reviews.
- Hosting events such as AMA (Most Burning Questions) and participating in Consensus 2023
- More information and promotion for the SORA Builders Programme
- Daily maintenance of social media and content moderation in chats.

4.2 Polkaswap

- Promotion of the Polkaswap features within the Fearless Wallet Browser extension and mobile app.
- More educational content was created for social platforms to raise network awareness, answering the pressing questions received on a daily basis within the chats
- Sharing major milestones such as Polkaswap 2nd anniversary and SORA launch

4.3 Work in Progress

- SORA website overhaul and improvements
- SORA card website improvements and addition of other languages
- SORA Card awareness campaigns

4.4 General

- Attending high-impact in-person events and business to government (B2G) expenses.

5 Total Hours – 4,971 hr

Additionally, invoice 205033 attached pertains to cloud server costs for the month of April 2023.

Your ongoing support is greatly appreciated and we look forward to continuing to serve you.

Sincerely,

SORAMITSU Helvetia AG

Supporting updates to the concepts are presented in the Ecosystem Updates published on [April 10](#) and [April 21](#) respectively.

SORAMITSU Helvetia AG
c/o Diego Compostella
Oberneuhofstrasse 5, 6341 Baar
Switzerland

E-mail: billing@soramitsu.co.jp



Invoice

Invoice for
SORA.org

Payable to
SORAMITSU Helvetia AG

Issue Date
12 May 2023

Invoice Number
205033

Project
Cloud Service Provider Cost for April 2023

Due Date
11 June 2023

Description	Amount (USD)
Cloud Service Provider Cost for April 2023	2,411.00

Subtotal	\$2,411.00
Tax	0,00

Total Amount Due

USD \$2,411.00

* Payment can be made in equivalent TBCD, at the market rate.

Wallet Address (TBCD): `cnUrcgd3mmETqV44BRH1HgU8dJBzupmH365QkRuyjMsj2c6Kx`

Thank you very much for your business. We are looking forward to serving you again.

SORAMITSU Helvetia AG
c/o Diego Compostella
Oberneuhofstrasse 5, 6341 Baar
Switzerland

E-mail: billing@soramitsu.co.jp



Invoice

Invoice for SORA.org	Payable to SORAMITSU Helvetia AG	Issue Date 12 May 2023	Invoice Number 205034
	Project Development Cost for April 2023	Due Date 11 June 2023	

Description	Quantity (Work-Hours)	Discounted Unit Price (USD)	Amount (USD)
SORA (Backend, Mobile Apps)	3,394	180.00	610,920.00
Polkaswap (Backend, Frontend)	692	180.00	124,560.00
DevOps and Security Review	316	180.00	56,880.00
Education	569	180.00	102,420.00
Subtotal	4971	180.00	\$894,780.00
Subtotal			\$894,780.00
Tax			0,00

Amount Due	USD \$897,191.00
Grand Total Due (Invoice 33 & 34)	USD \$899,602.00

** Payment can be made in equivalent TBCD, at the market rate.*

Wallet Address (TBCD): `cnUrcgd3mmETqV44BRH1HgU8dJBzupmH365QkRuyjMsj2c6Kx`

Thank you very much for your business. We are looking forward to serving you again.



SORAMITSU Co. Ltd.

Link Square Shinjuku 16F,
5-27-5, Sendagaya,
Shibuya-ku, Tokyo,
Japan, 151-0051

info@soramitsu.co.jp
soramitsu.co.jp